

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

Page 1 of 2

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5- 99124 TASK NO. 258 AMENDMENT	415-616-31-01-89	00

TASK TITLE: (NTE 80 characters; include Project name)

GOES Project Systems Engineering Services -- GOES L-M

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)

Robert W. McIntyre <i>Robert W. McIntyre</i>	DATE 3.31.00	ORG CODE 730.2	MAIL CODE 415	PHONE 301-286-6827
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BRANCH HEAD

Martin A. Davis <i>Martin A. Davis</i>	DATE 4/1/00	CODE 415	PHONE 301-286-8998
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CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)

Robert S. Lehair, Jr. <i>Robert S. Lehair, Jr.</i>	DATE 4/5/00	CODE 560	PHONE 301-286-6588
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FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?

CONTRACTING OFFICER'S QUALITY REP.

DESIGNATED FAM:

(If YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)

[X] NO [] YES

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:

Date: APR 6 2000

Contractor will develop specification or statement of work under this task for a future procurement. [X] NO [] YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. [] NO [] YES [X] N/A

Government Furnished Property/Facilities: [] NO [X] YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: [] NO [X] YES If yes: [X] TOTAL [] PARTIAL If partial, indicate onsite work in SOW by asterisk (*)

Surveillance Plan Attached: [X] NO [] YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

PER CLAUSE H.14, TASK ORDERING PROCEDURE, SUBPARAGRAPH (F) THE EFFECTIVE DATE OF THIS TASK ORDER IS 5/1/00.

INCENTIVE FEE STRUCTURE (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	X No. 1	No. 2	No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 238,434

The target fee of this task order is \$ 15,498

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 253,932

The maximum fee is \$ 22,651

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

Elizabeth J. Austin
SIGNATURE OF CONTRACTING OFFICER

5/1/00
DATE

ELIZABETH J. AUSTIN
CONTRACTING OFFICER

TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE

DATE

REQUEST FOR TASK PLAN / TASK ORDER

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QSS Group, Inc.	NAS5- 99124	258	

Applicable paragraphs from contract Statement of Work: Function 2b

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

(This is a follow-on to Task 87 under this contract; uninterrupted transition is required.)

- a. Assess design reviews, evaluate testing and integration activities, evaluate system performance, physically participate in required launch activities, and participate in all phases of operation planning for subsystems and instruments.
- b. Provide systems engineering analysis for the design and development of the GOES L-M Radio Frequency (RF) communications subsystem and related efforts required to successfully complete GOES integration and test activities.
- c. Provide systems engineering analysis for the design and development of the GOES L-M Telemetry and Command (T&C) subsystem and related efforts required to successfully complete these integration & test activities.
- d. Provide systems engineering analysis for the design and development of the GOES L-M AOCS subsystem and related efforts required to successfully complete these integration and test activities.
- e. Provide Imager/Sounder test and integration engineering assessment to insure reliable development and testing at vendor facilities. Coordinate GSFC support services when required, and manage, with Code 415 personnel, the integration of each instrument on the spacecraft.
- f. Provide engineering and analysis services to the GOES Project to evaluate the design, development and test of the GOES-M SXI instrument.
- g. Develop and maintain a High Fidelity AOCE model for engineering simulation purposes.
- h. Provide system engineering support to maintain and update the database for the GOES Incident Reports (GIRs).
- i. Provide launch system engineering support to the GOES Project, including evaluation of ICD changes, interface verification and coordination of activities related to ground operations of the launch site.'

PERFORMANCE SPECIFICATIONS:

All plans and procedures under this task are to be produced using industry standards.

APPLICABLE DOCUMENTS:

Evaluation and input to be based on all applicable GOES Spacecraft Performance and Verification Documents.

TASK END DATE: 9/30/00

MILESTONES/DELIVERABLES AND DATES:

Status report of AOCS, Communications, T&C subsystem, Electrical system and Launch system	Monthly
Non-conformance Review and Analysis	Within 3 days of assignment by ATR
GOES/Atlas ICD change review/analysis	Within 6 days of receipt of change
GIR Review Analysis and Evaluation	3 days after assignment by ATR

PERFORMANCE STANDARDS:

Schedule: On-time delivery/completion of the above
Technical: ATR's acceptance of the above

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Robert McIntyre, building 6, room W219